

## ABSTRACT OF THE DISCLOSURE

[0096] Disclosed herein are methods of synthesizing a 4-substituted-benzene-1,2-carbaldehyde. In one aspect, a method may include reacting a 4-substituted-1,2-bis(dibromomethyl) benzene with sulfuric acid to form a reaction product, introducing a solid sodium bicarbonate into the reaction product, and hydrolyzing the reaction product to form a 4-substituted- benzene-1,2-carbaldehyde, after introducing the bicarbonate.